

**UNITED STATES PATENT APPLICATION TRANSMITTAL FORM**

**MAIL STOP PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450**

22386 U.S. PTO  
10/721494  
112503

Docket No.: **YOR920030550US1**  
Customer No.: **22032**

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): **Peter Gruber and Lannie R. Bolde**

For: **FEED DEVICES AND METHODS FOR INJECTION  
MOLDED SOLDER SYSTEMS**

Enclosed are:

**XXX** Specification (18pps.) consisting of: Description (11 pps); Claims (7 pps); Abstract (1 pp.);

**XXX** Three (3) sheets of drawings (Figures 1 through 3);

**XXX** Declaration and Power of Attorney;

**XXX** Associate Power of Attorney;

**XXX** An assignment of the invention to: **International Business Machines Corporation**, including \$40.00 recordation fee and Assignment Recordation Form Cover Sheet;

\_\_\_\_\_ The undersigned attorney has verified that the application is entitled to a Small Entity Status;

**XXX** Information Disclosure Statement (with copies of patent);

**XXX** Form - PTO-1449;

\_\_\_\_\_ Priority of U.S. Patent Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_ is claimed under 35 U.S.C. §120.

\_\_\_\_\_ Priority of U.S. Provisional Patent Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_ is claimed under 35 U.S.C. §119(e).

\_\_\_\_\_ Preliminary Amendment.

\_\_\_\_\_ A Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i).

The Filing Fee is calculated below.

CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$770.00
Total Claims	32 - 20 =	13	x \$18.00	\$234.00
Independent Claims	3 - 3 =	0	x \$86.00	\$0
Multiple Dependent Claim Fee		x \$280.00 = \$0.00		
<b>TOTAL FILING FEE</b>		<b>\$1,004.00</b>		
1/2 FILING FEE FOR SMALL ENTITY		N/A		

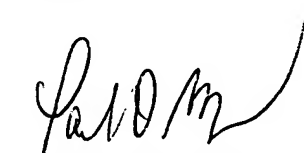
**XXX** The Commissioner is hereby authorized to charge the amount of **\$1,044.00** (\$1,004.00 for the filing fee and \$40.00 for assignment recordal fee) and any additional fees under 37 C.F.R. §§1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 50-0510**. A duplicate copy of this Form is enclosed.

Address all future communications to:

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November 25, 2003

Date of Signature



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**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Certificate No. **EL998798961US**, service under 37 CFR §1.10 and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 25, 2003.

Kenroy A. Browne

(Name of person mailing paper)



(Signature of person mailing paper)